

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/086317 A2

- (51) International Patent Classification⁷: **G07F**
- (21) International Application Number:
PCT/US2004/009423
- (22) International Filing Date: 24 March 2004 (24.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/457,427 24 March 2003 (24.03.2003) US
- (71) Applicant (for all designated States except US): **ABU-DANZA, INC.**; P.O.Box 1393, Kailua, HI 96732 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **WARD, Glen** [US/US]; 12912 Madrona Leaf Court, Grass Valley, CA 95945 (US).

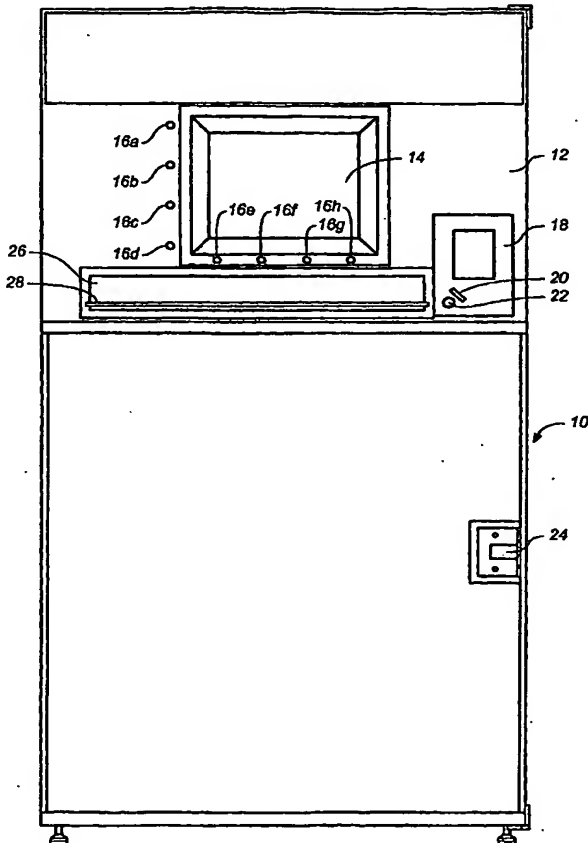
(74) Agent: **LUTHER, Barbara, J.**; Quarles & Brady Streich Lang, LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: **HOT FOOD VENDING MACHINE**



(57) Abstract: A heated food vending machine has a front with a) slots for dispensing the food and for accepting money, b) a video screen and c) several depressible buttons. Inside the machine is a refrigerator with a roof having an openable door and a side having a fastenable door for refilling with food in covered pans. Inside the refrigerator is a horizontally rotating apparatus with stations supporting stacks of food in covered pans. An elevator below the openable door elevates a station, raising the top pan above the door. The food cover is removed by a special roller apparatus. On top of the refrigerator are arms radiating from a central hub, which are rotate horizontally. Spaces between the arms contain food pans, which rotate to an oven with heating elements above and below the pizza. A computer controls the food selection and the refrigerator and oven temperatures.



GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *without international search report and to be republished upon receipt of that report*